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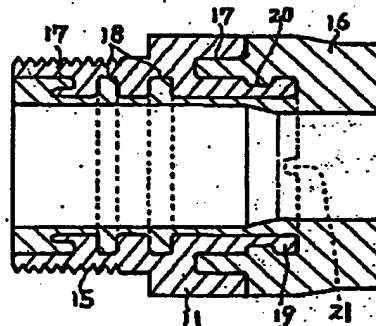
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MITO KAZUNORI(54) SYNTHETIC RESIN PIPE JOINT WITH
METALLIC CONNECTION MEMBER AND ITS
MANUFACTURE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a manufacturing method of a pipe joint to which a connection member is connected solidly, in a synthetic resin pipe joint in which a metallic connection member to connect a metal pipe is insert-molded at one side, and a synthetic resin pipe is inserted and fused at the other side.

SOLUTION: A metallic connection member 11 has a recessed groove form of notch 21 for stopping the rotation, as well as has recesses 17 and 18 in the pipe axial direction and in the direction orthogonal to the pipe axis, and after an adhesive modified polyethylene is applied to cover the metallic connection member, a cross-linked polyethylene is injection-molded. The removal and connection of the metallic connection member and a resin in the pipe axial direction, in the direction orthogonal to the pipe axis, and in the rotating direction are prevented by the recesses and the notch. After the formation, a core form of support metal fitting is inserted to the inside, and then heated by a heater so as to heat and fuse a modified polyethylene layer. And the polyethylene layer is pressure connected to the metallic connection member 11 solidly by the resin pressure generated by its expansion.



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